Seth J. Chandler

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■ Summary

□ Current Employment

Law Foundation Professor of Law, Co-Director, Health Law & Policy Institute, University of Houston Law Center

□ Former Employment

Munger Tolles & Olson (1986-90); Williams & Connolly (1984-86); Judge Edward R. Becker, Third Circuit Court of Appeals (1983-84)

□ Education

Harvard Law School, J.D. 1983, magna cum laude; Princeton University (Woodrow Wilson School of Public and International Affairs), A.B. 1979, summa cum laude

□ Representative Publications

The Network Structure of Supreme Court Jurisprudence, in Applied *Mathematica*: Proceedings of the 7th International Mathematica Symposium (August 2005) (ISBN 1-57955-050-9)*; Simpler Games: Using Cellular Automata to Model Social Interaction*, in Challenging the Boundaries of Symbolic Computation: Proceedings of the 5th International *Mathematica* Symposium (July 2003); *Visualizing Adverse Selection: An Economic Approach to the Law of Insurance Underwriting*, 8 Conn. Ins. L.J. 435 (2002); *Foggy Games and the Structure of Legal Rules*, in Symbolic Computation: New Horizons: Proceedings of the Fourth International Mathematica Symposium (2001); *Reconsidering The Duty to Settle*, 42 Drake L. Rev. 741 (1993); *Note, Removing Books From School Libraries,* 96 Harv. L. Rev. 151 (1983)

□ Teaching

Typical Courses: Insurance Law, Law and Economics, Contracts, Health Law

1995 Enron Teaching Award, University of Houston Law Center

■ Education

□ Degrees

Harvard Law School, J.D., 1983, *magna cum laude*

Princeton University (Woodrow Wilson School of Public and International Affairs), A.B., 1979, *summa cum laude*

□ Certificates

Harvard Graduate School of Education, Management Development Program, 2003

□ Major Activities

Managing Editor, The Harvard Law Review, 1982-83

Editor, The Harvard Law Review, 1981-82

Managing Editor, The Daily Princetonian, 1978-79

■ Law School Employment

Law Foundation Professor of Law, University of Houston Law Center, January 1, 2006 - present

Co-Director, Health Law & Policy Institute, May 2004 - present

Vice Dean, University of Houston Law Center, June 2004 - Dec. 31, 2005

Associate Dean for Academic Affairs, University of Houston Law Center, May 2002 - June 2004

Professor of Law, University of Houston Law Center, 2002-present

Associate Professor of Law, University of Houston Law Center, 1990-2002

■ Major Publications

A Genetically Modified Liability Insurance Contract, uses "genetic programming" and other mathematical techniques to show how insurers and courts could construct a better liability insurance contract by paying greater attention to statistical characteristics of lawsuits that befall the insured and by constructing a somewhat more complex duty to settle. (publication expected early 2008 in the Connecticut Insurance Law Journal)

The Insurance Industry, in the International Encyclopedia of Social Science (forthcoming early 2008)

Children and Insurance, in Chicago Companion to the Child (University of Chicago Press, forthcoming 2008)

Restricted Non - Cooperative Games, in 4488 Lecture Notes in Computer Science 170 (Yong Shi, et. al. eds., 2007) (7th International Conference in Computational Science, Beijing)

The Network Structure of Supreme Court Jurisprudence, in Applied *Mathematica*: Proceedings of the 7th International Mathematica Symposium (August 2005) (ISBN 1-57955-050-9) (discussed in *The Wisdom of Hercules*, The Economist, August 27, 2005, and available at http://www.economist.com/science/PrinterFriendly.cfm?Story_ID=4316174) (a revised version is available in 10 The *Mathematica* Journal 501 (2007))

GCANS:Global Cellular Automaton Networks, in Proceedings of the 6th International *Mathematica* Symposium (August 2004)

Simpler Games: Using Cellular Automata to Model Social Interaction, in Challenging the Boundaries of Symbolic Computation: Proceedings of the 5th International *Mathematica* Symposium (July 2003), (Peter Mitic et. al., eds., 2003) (ISBN 1-86094-363-2)

Visualizing Adverse Selection: An Economic Approach to the Law of Insurance Underwriting, 8

Conn. Ins. L.J. 435 (2002)

Foreword, Children's Health: A Time for Optimism?, 1 Hous. J. Health L. & Pol'y 1 (2001) (co-authored with Mary Anne Bobinski)

Foggy Games and the Structure of Legal Rules, in Symbolic Computation: New Horizons: Proceedings of the Fourth International Mathematica Symposium (Yoshihiko Tazawa, et. al., eds., 2001) (ISBN 4-501-73020-X C3041)

Behavior and Learning Under Law: Automata Containing Evolutionary Algorithms, 8 The Mathematica Journal 301 (2001) (co-authored with Christian J. Jacob and revising our *Automata Containing Evolutionary Algorithms: Behavior and Learning Under Law*, in Proceedings of the Third International *Mathematica* Symposium (1999), available at http://www.risc.uni-linz.ac.at/conferences/summer99/ims99)

Insurance Regulation, in 3 The International Encyclopedia of Law and Economics 837 (Boudewijn Bouckaert & Gerrit De Geest eds., 2000)

Automata Containing Evolutionary Algorithms: Behavior and Learning Under Law, in Proceedings of the Third International *Mathematica* Symposium (1999), available at http://www.risc.uni-linz.ac.at/conferences/summer99/ims99

Modeling Law: Using Cellular Automata to Study Legal Regulation of Conflicting Land Use, in Innovations in Mathematics: Proceedings of the Second International *Mathematica* Symposium (1997) (ISBN 9525153029)

The Interaction of the Tort System and Liability Insurance Regulation, 2 U. Conn. Ins. L.J. 91 (1996)

Visualizing Moral Hazard, 1 U. Conn. Ins. L.J. 97 (1995)

Reconsidering The Duty to Settle, 42 Drake L. Rev. 741 (1993)

Note, Removing Books From School Libraries, 96 Harv. L. Rev. 151 (1983)

■ Work in Progress

The Network Structure of the Law, a lengthy monograph that will combine network theory and *Mathematica* code to analyze various legal networks including the Uniform Commercial Code, the United Nations Convention on Contracts for the International Sale of Goods (CISG) , and the entire corpus of Supreme Court jurisprudence, as well as chapters on the creation of synthetic legal networks and network theory.

■ Teaching

□ Courses Taught in Past 10 Years

Course	Special Features	Years
Analytic Methods for Lawyers	New course (first year practical skills elective) teaching students basics of decision analysis, game theory, contract structure, accounting, finance, microeconomics, law and economics and statistics	2005, 2007
Antitrust	Traditional course in federal antitrust law with significant emphasis on economic analysis of legal rules and business practices involved	1996 – 97
Drafting	Developed course to teach basic drafting skills to students. Relied on collaborative work among students in drafting	1996
Contracts	Extensive reliance on Case Files. Made drafting integral part of course.	1993 – 94, 2000 – 01, 2004, 2007
Health Law	Survey courses in health law, including bioethics, tort liability, licensure, financing, fraud and abuse, antitrust	1996, 1998, 2000 – 02, 2005, 2007
Insurance Law	Development of website containing extensive materials mostly on Texas insurance law.	1990 – 95, 1997 – 2004, 2007, 2008
Law and Economics (Course and Seminar)	Extensive use of *Mathematica* in presenting materials in course. Course covers traditional law and economics as well as game theory and network / spatial models.	1993 – 1996, 1999, 2001, 2003
Life & Health Insurance	Prepared extensive materials for course as no law casebook exists	1999, 2002

□ Teaching Awards

Enron Teaching Excellence Award, University of Houston, 1995

■ Service

□ Law Center

Faculty Appointments Committee (2005 - 2007)

Curriculum Committee (1999-2002)

Chair, Entry Level Hiring Committee (1999-2000)

Chair, Executive Committee (1998- 1999; Member 1991-94)

Chair, Legal Research and Writing Search Committee (Spring 1999)

Supervisor, Adjunct Teaching Improvement Project (1998- 1999)

Chair, Law Center Computer Committee (1994-1997)

Member, Planning Committee for Teaching Methods Workshops (1995-present)
Work on development of new teaching methods, with focus on use of new technology

Chair, Ad Hoc Computer Use Fee Committee (1994-present)

Faculty Advisor, Houston Law Review (1993-1997)

Faculty Advisor, Houston Business & Tax Law Journal (1999-present)

Dunkee, Asian Law Students Association, Family Day (1995)

Member, Ad Hoc Skills Training Committee (1993-94)

Member, Law Center Computer Committee (1990-93)

Faculty Sponsor, "Thursday Thoughts" Program (1993)

Member, Curriculum Committee (1991-93; 1996-97, 1998 - present)

Faculty Sponsor, Democratic Law Students Association (1992-93)

Judge of various moot courts (1990-2003)

□ University-Wide

Teaching Excellence Committee (2000-03)

Faculty Senate (1997 - 2000, 2008-present) (including Legislative and Community Affairs Committee & Planning Committee)

Graduate and Professional Studies Council (1998 - 1999)

Chair, Academic Computing Advisory Committee (1995 - 1996)

Member, Academic Computing Advisory Committee (1993-present)

Member, Dissertation Committee for Daniel Carr, Ph.D. Candidate (Psychology, "Expert Systems in Jury Selection") (1995-present)

□ Community & Miscellaneous

ABA Site Inspector, University of Dayton (March 2008)

Editorial Reviewer, Ninth International Mathematica Symposium (June 2008) (reviewed eight abstracts on finance and graphics)

ABA Site Inspector, University of Missouri Kansas City (2007)

Assistant Coach, Texas Armadillos Little League Baseball (2007-08)

Opening Speaker, Texas Legislature, State Affairs Committee Hearing on Stem Cell Advances (September 26, 2006, Houston, Texas)

Conference Organizer and Opening Speaker, Reforming the Law of Emergency Medical Care (Houston, April 6, 2006)

Member, Texas Health Care Policy Council (2006-present) (statutory body within the office of the Governor)

Member, Steering Committee, Texas Department of Insurance State Planning Grant on Houston Small Employer Insurance

Instructor, New Kind of Science Summer School (Brown University 2005)

Chair, Association of American Law Schools Section on Insurance Law (2006-07)

Member, Thesis Review Committee for Michael Thompson, Master of Science Candidate, University of Western Sydney ("Use of Cellular Automata Models to Examine Complexity of Organizational Behavior") (2005)

Referee, Art Diggle, et. al., *Individual based models of spread of seeds, pollen, fungi, and insects* (paper for International Mathematica Symposium 2005)

Referee, Yves Papegay, *Exploring Board Games strategies* (paper for International Mathematica Symposium 2005)

Referee, Colin Rose & Murray Smith, *mathStatica: Symbolic Computational Statistics* (paper for International Mathematica Symposium 2005)

Program Committee Member, Seventh International Mathematica Symposium (2005)

Chair, ABA Site Inspection Committee, University of Missisippi (2004-05) (attended ABA meeting in September, 2004 in preparation)

Program Committee Member, Sixth International Mathematica Symposium (2004)

Speaker, Meeting of Center for Disease Control and Texas Department of Health on Community Public Health Legal Preparedness (2004)

ABA Site Inspector, La Verne College of Law (2003)

Program Committee Member, Fifth International Mathematica Symposium (2003)

ABA Site Inspector, University of Arkansas Little Rock (2003)

Pro Bono Attorney, In re Luis Alberto Ramirez Diaz (2002-present) (representation in political asylum proceeding, appeal to Bureau of Immigration Appeals, appeal to United States Court of Appeals for the Fifth Circuit)

Speaker, Health Law, University of Texas School of Public Health/ Texas Southern University Conference on Health and Social Justice (2002)

Volunteer Editor/Beta Tester for Stephen Wolfram's book, "A New Kind of Science." (2002)

Expert on Insurance Law and Health Law, for "Allexperts.com" (1999-2000) (number one rated national expert in insurance law)

Consultant, Texas Attorney General's Office (2000) (pro bono evaluation of settlement of major dispute between managed care entities and state)

Moderator, The Florida Election Debate (Houston, November 2000)

Contract Law for Fifth Graders (Klentzman Intermediate School, 2000)

Speaker, "Beyond Stowers" (Houston, Fall 1998)

Pro Bono Professional Work Relating to Health Insurance Needs of Persons with HIV/AIDS (Houston, Spring 1998)

Speaker, "The People's Law School," Health Insurance (Houston, Spring 1998, Fall 1998, Spring 2000, Spring 2001)

Panelist, "On the Spot": The Health Channel (broadcast in January 1998) Topic : "In Vitro Fertilization of Post Menopausal Women"

Speaker, "The People's Law School," Insurance Law (Houston, 1993, 1994, Spring 1995, Fall 1995, Fall 1996, 2002)

Speaker, "A Simulated Class on Contract Law," Family Day (Houston, Fall 1995)

Speaker, "Law Preview Day," (Houston 1994, Houston 1995)

Speaker, "Group Health Insurance and Cancer: Federal Regulation of Insurance Policies," Ameri-

can Cancer Society (Houston, 1994)

Speaker, “Law and Economics” (Houston, 1994)

Speaker, “Quasi-Contract for Kindergartners,” (Houston, 1993)

Speaker, "Health Insurance and Problems of Tourette's Syndrome: Current Law and Health Security Act," National Tourette Syndrome Society Convention (Houston, 1993)

Speaker, "Health Insurance,"American Cancer Society (Houston, 1993)

Speaker, "Health Insurance and Problems of Tourette's Syndrome" (Houston, 1992)

Docent, Houston Heights Historical Museum (1991-92)

Awards

President's Medal, Loyola University (2006) (highest honor given by Loyola University; awarded for spearheading and implementing efforts to host Loyola (New Orleans) Law School at the University of Houston Law Center for fall 2005 following Hurricane Katrina).

Ethel M. Baker Faculty Award (2004) (Law Center's highest award for community service)

Other Publications And Speaking Engagements

Legal Publications

A Category 5 Mistake if We Expand Windstorm Coverage, Houston Chronicle, August 28, 2006

Court Finds ERISA Bar To Maryland Effort To Force Large Employers to Provide Limited Health Insurance (August 2006) <http://www.law.uh.edu/healthlawperspectives/(SC)-MDERISA.pdf>

Texas Medical Malpractice Reform: Introduction, Health Law News (November 2005)

The Network Structure of Supreme Court Jurisprudence (June 2005) <http://papers.ssrn.com/sol3/papers.cfm?abstract_id=742065>

High Deductible Health Plans: The Limits of Analytic Economics (June 2005) (Poster presented to the American Society of Law, Medicine & Ethics Health Law Teachers' Conference)

Game Theory Looks at Florida's Three Strikes Laws (December 2004) <http://www.law.uh.edu/healthlawperspectives/(SC)ThreeStrikesRev2.pdf>

Court: Insurers Must Be Even Clearer In Explaining Retroactive Dates in Group Medical Malpractice Policies (August 2004) <http://www.law.uh.edu/healthlawperspectives/(SC)Presidenty-Jenkins2.pdf>

New Jersey Supreme Court Restricts Use of Contract in Determining Disposition of Frozen Preembryos (August 2001) <http:www.law.uh.edu/healthlawperspectives/reproductive/010827-NewJersey.html>

Book Review: Gostin’s Public Health Law: A Masterful Restatement, 14 Health Law Perspectives 10 (March 2001)

The Genetic Information Nondiscrimination in Health Insurance Act of 1999: Too Fast and Too Federal?, Health Law Perspectives (August 2000) <http://www.law.uh.edu/healthlawperspectives/Genetics/000803Nondiscrimination.html >

The Texas-Aetna Settlement: A Significant Experiment in Managed Care Reform, Health Law Perspectives (May 2000) <http://www.law.uh.edu/healthlawperspectives/Managed/000503Texas-Aetna.html>

Massachusetts Court Diminished Role for Contract in Reproductive Decision, Health Law Perspectives (April 2000)< http://www.law.uh.edu/healthlawperspectives/Reproductive/20000412-Massachusetts.html>

Book Review, Undue Risk: Secret State Experiments on Humans, 13 Health Law News 11 (March 2000)

Fifth Circuit Joins Seventh in Rejecting ADA Attacks on AIDS Benefit Caps, Health Law Perspectives (Feb. 2000)< http://www.law.uh.edu/healthlawperspectives/Disabilities/20000229McNeil.html>

RICO Unleashed: Humana Case Gives Federal Government More Power to Police Health Insurers, 13 Health Law News 7 (Sept. 1999)

Policing the Insurance Industry: Did Congress Give Away Its Power in 1945?, 3 Supreme Court Preview 156 (Nov. 20, 1998)

Eleventh Circuit Finds No Antitrust Violation in "Preferred Provider" Arrangement by Hospitals, Health Law Perspectives (March 1998)< http://www.law.uh.edu/healthlawperspectives/-Managed/980325Antitrust.html>

Insurance Insolvency Issues in Professional Malpractice Actions, in 6th Annual Medical Malpractice Conference, Texas Trial Lawyers Association (1995)

The New Technology in Legal Education: Computer Generated Heresy, 14 The Briefcase No. 2 (1994)

Comment, Faculty Roundtable, 11 The Briefcase No. 3 (1992)

Maryland Court Rejects Insured Versus Insured Exclusion, ABA Class Actions & Derivative Suits (1990)

□ Science Publications

Exploring Computational Irreducibility and the Predictability of Complex Systems using Mathematica, Proceedings of 2004 New Kind of Science Conference (June 2004) (available as *Mathematica* notebook at http://www.wolframscience.com/conference/2004/presentations)

□ Demonstrations

Legal/Economic

A Spatial Dynamic Jury Model, available at http://demonstrations.wolfram.com/ASpatialDynamicJuryModel/

Academic Admissions, available at http://demonstrations.wolfram.com/AcademicAdmissions/

Akrasia, available at http ://demonstrations.wolfram.com/Akrasia/

A Conceptual Model of Lapse Financed Life Insurance, available at http://demonstrations.wolfram.com/AConceptualModelOfLapseFinancedLifeInsurance/

Adverse Selection, available at http://demonstrations.wolfram.com/AdverseSelection/

Asylum in the United States, available at http://demonstrations.wolfram.com/AsylumInTheUnitedStates/ (with Anne Chandler)

Banzhaf Power Index, available at http://demonstrations.wolfram.com/BanzhafPowerIndex/

Beat Chebyshev, available at http://demonstrations.wolfram.com/BeatChebyshev/

Bilateral Accident Model, available at http://demonstrations.wolfram.com/BilateralAccidentModel/

Binary Election Sequences, available at http://demonstrations.wolfram.com/BinaryElectionSequences/

Certainty Equivalent Wealth, available at http://demonstrations.wolfram.com/CertaintyEquivalentWealth/

Constant Elasticity of Substitution Production, available at http://demonstrations.wolfram.com/ConstantElasticityOfSubstitutionProduction/ (with Kevin Balch)

Cobb - Douglas Production Functions, available at http://demonstrations.wolfram.com/CobbDouglasProductionFunctions/

Constant Risk Aversion Utility Functions, available at http://demonstrations.wolfram.com/ConstantRiskAversionUtilityFunctions/

Coordination of Insurance Policies, available at http://demonstrations.wolfram.com/CoordinationOfInsurancePolicies/

Death Penalty Regressions, available at http://demonstrations.wolfram.com/DeathPenaltyRegressions/

Efficient Single Limit Liability Insurance, available at http://demonstrations.wolfram.com/EfficientSingleLimitLiabilityInsurance/

Iterated Games, available at http://demonstrations.wolfram.com/IteratedGames/

Life Insurance Pricing, available at http://demonstrations.wolfram.com/LifeInsurancePricing/

Lorenz Curves and the Gini Coefficient, available at http://demonstrations.wolfram.com/LorenzCurvesAndTheGiniCoefficient/

Measures of Node Prominence on a Network, available at http://demonstrations.wolfram.com/MeasuresOfNodeProminenceOnANetwork/

Merger Guidelines, available at http://demonstrations.wolfram.com/MergerGuidelines/

Monopoly and Natural Monopoly, available at http://demonstrations.wolfram.com/MonopolyAndNaturalMonopoly/

Moral Hazard, available at http://demonstrations.wolfram.com/MoralHazard/

Nash Equilibria in 3 x3 Games, available at http://demonstrations.wolfram.com/NashEquilibriaIn33Games/

Nash Equilibria with Continuous Strategies, available at http://demonstrations.wolfram.com/NashEquilibriaWithContinuousStrategies/

Occurrence versus Claims - Made Insurance Policies, available at http://demonstrations.wolfram.com/OccurrenceVersusClaimsMadeInsurancePolicies/

Optimal Consumption Paths, available at http://demonstrations.wolfram.com/OptimalConsumptionPaths/

Pay the Points?, available at http://demonstrations.wolfram.com/PayThePoints/

Payoff Gradients in Two - Player Games, available at http://demonstrations.wolfram.com/PayoffGradientsInTwoPlayerGames/

Probit and Logit Models with Normal Errors, available at http://demonstrations.wolfram.com/ProbitAndLogitModelsWithNormalErrors/

Property Coinsurance, available at http://demonstrations.wolfram.com/PropertyCoinsurance/

Restricted Non-Cooperative Game Theory, available at http://demonstrations.wolfram.com/RestrictedNonCooperativeGameTheory/

Saving for Retirement, available at http://demonstrations.wolfram.com/SavingForRetirement/

Sensitivity, Specificity, and Incidence, available at http://demonstrations.wolfram.com/SensitivitySpecificityAndIncidence/

Supplemental Jurisdiction, available at http://demonstrations.wolfram.com/SupplementalJurisdiction/ (co-authored with Aaron Bruhl)

Synthetic Legal Precedent Structures : Feature Distance,"available at http://demonstrations.wolfram.com/SyntheticLegalPrecedentStructuresFeatureDistance/

Synthetic Legal Precedent Structures : Lévy Flight, available at http://demonstrations.wolfram.com/SyntheticLegalPrecedentStructuresLevyFlight/

Tail Conditional Expectations, available at http://demonstrations.wolfram.com/TailConditionalExpectations/

Tax Rates and Tax Revenue, available at http://demonstrations.wolfram.com/TaxRatesAndTaxRevenue/

The 2001 CSO Mortality Tables, available at http://demonstrations.wolfram.com/The2001CSOMortalityTables/

The Duty to Settle, available at http://demonstrations.wolfram.com/TheDutyToSettle/

The Edgeworth Box, available at http://demonstrations.wolfram.com/TheEdgeworthBox/

The Efficient Dual Limit Liability Insurance Contract, available at http://demonstrations.wolfram.com/TheEfficientDualLimitLiabilityInsuranceContract/"

The Persuasion Effect : A Traditional Two Stage Jury Model, available at http://demonstrations.wolfram.com/ThePersuasionEffectATraditionalTwoStageJuryModel/

The Purpose of the Law, available at http://demonstrations.wolfram.com/ThePurposeOfTheLaw/

Unilateral Accident Model, available at http://demonstrations.wolfram.com/UnilateralAccidentModel/

Visualizing Legal Rules : A Homicide Case, available at http://demonstrations.wolfram.com/VisualizingLegalRulesAHomicideCase/"

Visualizing Legal Rules : Battle of the Forms, available at http://demonstrations.wolfram.com/VisualizingLegalRulesBattleOfTheForms/

Other

Cellular Automata on Trivalent Networks, available at http://demonstrations.wolfram.com/CellularAutomataOnTrivalentNetworks/

Cellular Automata With Global Control, available at http://demonstrations.wolfram.com/CellularAutomataWithGlobalControl/

Clustered Power - Law Networks, available at http://demonstrations.wolfram.com/ClusteredPowerLawNetworks/

Communities of Nations Bridged by Language Similarity, available at http://demonstrations.wolfram.com/CommunitiesOfNationsBridgedByLanguageSimilarity/

Dynamic Proximity Networks, available at http://demonstrations.wolfram.com/DynamicProximityNetworks/

Genealogy Graphs From XML, available at http://demonstrations.wolfram.com/GenealogyGraphsFromXML/

Exploring with Inset, available at http://demonstrations.wolfram.com/ExploringWithInset/

Graph Embedding Trajectories, available at http://demonstrations.wolfram.com/GraphEmbeddingTrajectories/

Grouping Country Data, available at http://demonstrations.wolfram.com/GroupingCountryData/

Iterative Polygon Simplification, available at http://demonstrations.wolfram.com/IterativePolygonSimplification/

Mixing Colors with Blend, available at http://demonstrations.wolfram.com/MixingColorsWith-

Blend/

Randomly Reducing Objects to Spheres, available at http://demonstrations.wolfram.com/RandomlyReducingObjectsToSpheres/

Stable Marriages, available at http://demonstrations.wolfram.com/StableMarriages/

Visualizing the Coarse Graining of a Cellular Automaton, available at http://demonstrations.wolfram.com/VisualizingTheCoarseGrainingOfACellularAutomaton/

Visualizing Turing Machine Enumeration, available at http://demonstrations.wolfram.com/VisualizingTuringMachineEnumeration/

□ Editorial Responsibilities

Update on Health, monthly newsletter of the Health Law & Policy Institute for the Texas legislature

Health Law News, biannual publication on developments at the Health Law & Policy Institute and special section on health law

Control Measures and Public Health Emergencies : A Texas Bench Book, special 130 - page publication of the Health Law & Policy Institute designed to provide guidance to Texas courts during a public health emergency

Special Legislative Briefings for the Texas Legislature

2006-07: HIPAA Preemption and Texas Law, Texas Advance Directives Act, EHR Liability Issues (Electronic Records), Prison Condom Distributionm, EMS Services, Medical Peer Review, A General Primer on the State Children's Health Insurance Program, Analysis of Treat to Transfer Provisions in Ten States, Capital Punishment, Consumer Directed Health Care and Transparency, Chiropractice Scope of Practice, Criminal Competency, Electronic Health Records, Health Care Access Under Medicaid, Patient Privacy Rights, Prison Nursery Programs, Proposed Rvisions to the Texas Advance Directives Act, Remedies for Inappropriate Release of PHI, Wards of the State and Experimental Trials

2005 - 06 : Medicare Legislation (Part D), Regulating Mobile Food Vendors, Mental Health Courts, Laser Hair Removal, Anabolic Steroids, Eating Disorders and Mental Health Coverage Limitations, Health Care Center Surge Capacity - Public Health Disaster, Command & Control - Public Health Disaster, Quarantine - Public Health Disaster, Financial Access - Public Health Disaster, Elder Autonomy - Long Term Care, Recent Federal Changes - Medicaid, Recent Changes - State Medicaid Programs, Long-Term Care Insurance, Addressing Obesity Through Nutrition and Physical Activity Plan, Advance Directives

2004 - 05: Medical Savings Accounts, Medicare Legislation (Part D), Abortion-related Statutes, "Not Builty By Reason of Insanity" Criminal Defense, Drug Use During Pregnancy, Regulation of Optometry, Scope of Practice, Health Care Providers' Right ot Refuse to Treat Patients, Preliminary Report: Long Term Care in Texas, Senate Bills 1577 and 1381 Relating to Abortion, The Singapore Model of Health Care Financing, Standardization of Health Care Reimbursement Claim Forms Submitted to Texas Health Plans, Impact on of Key Provisions of Medicare Prescription Drug, Improvement and Modernization Act of 2003, Health Saving Accounts & High Deductible Health Plans

□ Speaking Engagements

Insurance Regulation: The Case for a Trade, at Homeowners and Hurricanes : Modernizing the Insurance Marketplace (Austin, January 2008)

Demonstrating Insurance, American Association of Law Schools Insurance Law Section (New York, January 2008) (poster presentation)

Policy Primer : A Windstorm Insurance Crisis in Texas (Austin, September 2007)

Restricted Non - Cooperative Games, 7th International Conference on Computational Science (Beijing, May 2007)

Comencement Speaker, Loyola (New Orleans) Law School (New Orleans, May 19, 2006)

The Network Structure of the Law, Law in the Age of Networks: Implications of Network Science for Legal Analysis (University, Illinois, March 10, 2006)

The Network Structure of The Law, University of Texas School of Law *(Faculty Colloqiuum* November 2005*)*

The Network Structure of the Uniform Commercial Code: It's a Small World After All (Champaign, Illinois October 2005)

State of the City: Public Policy Forum, Houston Area Urban League (Houston, September 2005)

The Network Structure of Supreme Court Jurisprudence (Seventh International Mathematica Symposium, University of Western Australia, Perth Australia, August 2005)

Cellular Automata on Cubic Graphs (New Kind of Science Summer School, Brown University, July 2005)

How to Give An Interdisciplinary Talk at a Mathematica Conference (New Kind of Science Summer School, Brown University, July 2005)

How to Write Efficient Mathematica Code (New Kind of Science Summer School, Brown University, July 2005)

State of the City: Public Policy Forum, Houston Area Urban League (Houston, September 2004)

Using Mathematica's Global Optimization Technique to Understand Legal Rules: Towards a Better Liability Insurance Contract, to be presented at Wolfram Technical Conference, October 2004 (Champaign, IL)

Exploring Computational Irreducibility and the Predictability of Complex Systems Using Mathematica, presented at NKS2004 (Waltham, Massachusetts)

GCANs: Global Cellular Automaton Networks, presented at NKS2004 (Waltham, Massachusetts)

"Simpler Games: Using Cellular Automata to Model Social Interaction", Fifth Annual *Mathematica* Symposium (London 2003)

"Cellular Automata Extended to Regular Graphs: Applications to Social Sciences" NKS2003 Conference and Mini-course (Waltham, Massachusetts 2003)

“Foggy Game Theory,” Fouth International Mathematica Symposium (Tokyo 2001) (keynote address)

“The Texas-Aetna Settlement,” Houston Bar Association Health Law Section, (Houston 2001)

Speaker, "The Insurance / Genetic Testing Debate", Texas Association of Insurance Officers (San Antonio, July 2000)

"Visualizing Adverse Selection", American Society of Law and Medicine Health Law Teacher's Conference (Cleveland, June 2000)

"What Actuaries Can Contribute to the Debate About Genetic Testing Confidentiality", Southwester Actuaries Association Annual Meeting (Galveston, June 2000)

"Automata Containing Evolutionary Algorithms: Behavior and Learning Under Law", Third International *Mathematica* Symposium (Linz, Austria, August 1999)

"Using Mathematica To Teach Law and Economics", 1999 Conference for Law School Computing (Eugene, Oregon, June 1999)

"Teaching Health Law with Pending Legislation -- And A Little Technology Too," American Society of Law, Medicine & Ethics, 19th Annual Health Law Teachers' Conference (Houston, June 1998)

"Modeling Law", Second International Mathematica Symposium (Rovaniemi, Finland, July 1997)

"Voting Rights," Second Annual Frankel Lecture (Houston, January 1998) (moderator)

"Allocation of Insurance for Temporally Fuzzy Liability", American Association of Law Schools (San Antonio, Texas, January 1996)

“Tort Law and Economics Using Lottery Package and Simulated Annealing,” Advanced Mathematica Developer’s Conference (Champaign-Urbana, October 1995)

“Insurance Insolvency Issues in Professional Malpractice Actions,” 6th Annual Medical Malpractice Conference of the Texas Trial Lawyer’s Association (Houston, September, 1995)

"Visualizing Moral Hazard," Computing in Economics and Finance Workshop, International Federation of Automatic Control, (Amsterdam, The Netherlands 1994)

"Insurance Law" (Continuing Legal Education Program of University of Houston Law Foundation, 1994) (Moderator)

"Visualizing Moral Hazard", Advanced Mathematica Developers Conference (Champaign-Urbana, 1994)

■ Other Legal Experience

Retained as expert by City of Dallas regarding insurance and defense obligations; Retained as expert in case involving obligations of umbrella insurers and enforceability to policy exclusions; Retained as expert in arbitration regarding alternative dispute resolution agreement; Retained as expert for plaintiffs' in cases involving corporate owned life insurance; retained as consulting expert in Lance Armstrong Prize arbitration on the definition of insurance; testified at deposition as expert in Cannon Films v. Insurance Company of the State of Pennsylvania, Los Angeles Superior Court No. BC026466 regarding coordination of aviation and general liability insurance policies in coverage case arising out of multiple fatality helicopter crash occurring during filming of Delta Force II; testified at deposition as expert in P.T. Freeport Indonesia Co. v. Houston Casualty Co., Harris County No. 93-25010 regarding legality of claims adjustment practices following catastrophic Indonesian pipeline failure under business interruption policy; testified at deposition as expert in Beard v. Liberty Mutual Ins. Co., (S.D. Tex. No. H-93-2365) regarding insured’s compliance with notice conditions in excess and primary liability policies; testified at deposition as expert in Robert V. Jones Corp. v. Mt. Hawley Insurance Co, on enforceability of "your work" exclusion; testified as an expert in Rhodes Design & Development Corp. v. RLI Insurance, on enforceability of "your work" exclusion. Testified at trial as expert in divorce dispute on value of life insurance policy prior to death of insured. Consulting expert on duty to settle in American Management Systems, Inc. and Federal Ins. Co. v. National Union Fire Ins. Co. of Pennsylvania, Cause No 3:00CV682BN. Consulting expert on duty to settle in Mississippi case involving conflict among primary and excess insurers. (Confidentiality agreement prevents elaboration)

Associate, Munger, Tolles & Olson, Los Angeles, California (1986-1990)

Associate, Williams & Connolly, Washington, D.C. (1984-86)

Judicial Law Clerk, Hon. Edward R. Becker, United States Court of Appeals for the Third Circuit (1983-84)

Summer Associate, McCutcheon, Doyle, Enerson & Brown, San Francisco, California (1982)

Summer Associate, Squire, Sanders & Dempsey, Washington, D.C. (1981)

■ Other Employment

Visiting Scholar, Wolfram Research, Champaign, Illinois (summer 1996)

Director of Analysis, Penn & Schoen Associates, New York, N.Y. (1979-80)

■ Active Bar Admissions

California, 1986-present

■ Miscellaneous

First Place, 2003 Mathematica Programming Competition, Mathematica Developers' Conference, Champaign, Illinois 2003 (problem involving contraction of point clusters in n-dimensional space; results) (available as *Mathematica* notebook at http://library.wolfram.com/infocenter/-Conferences/4829/ and reprinted in PDF format at http://www.law.uh.edu/faculty/schandler/scholarship/scholarship.htm); Honorable Mention, 2001 *Mathematica* Programming Competition, *Mathematica* Developers' Conference, Champaign, Illinois 2001 (problem involving Type B Eden Models) (available as *Mathematica* notebook at http://library.wolfram.com/infocenter/Conferences/4829/ and reprinted in PDF format at http://www.law.uh.edu/faculty/schandler/scholarship/scholarship.htm)

Married with three children (ages 19, 8 and 7)